Date: 11/2/2001   Interface Name: NSLDS - COD

Developer: Linda Kim   Tester Initials: LK

Number	Regression	Interface Component	Action	Condition	Input Data	Expected Results	Pass/Fail	Comments
Cycle 1: Normal								
Sub-Cycle 1: Send File from EAI Bus to NSLDS								
1.1.1		DI File transfer	Send file from EAI Bus to NSLDS via 'NSLDSsendfile' shell script.	Validate MQ Queue Configuration. Validate DI ftfconfig.ini file	Dummy test file, "NSLDST.PRB6005.GDM1878.PE001" created by COD EAI Interfaces test team.	"NSLDST.PRB6005.GDM1878.PE001" expected at NSLDS	PASS	
Sub-Cycle 2: Send File from NSLDS to the EAI Bus								
1.2.1		DI File transfer	Send file from NSLDS to EAI Bus via JCL. Need to edit JCL (done by NSLDS), to call PROC to initiate DI file transfer request.	Validate MQ Queue Configuration. Validate DI ftfconfig.ini file	Provided by NSLDS 'JXS.COD.TESTDATA'	File from NSLDS in /tmp on the EAI Bus server SU35E17	PASS	
Sub-Cycle 3: Start an external process from a sender pre process data exit								
1.3.1		DI File transfer	Use a sender pre process exit to start 'testprocess' with a file sent from the EAI Bus to NSLDS via 'NSLDSsendfileexits' shell script.	The sender preprocess has been correctly defined in exit DLL	Dummy test file, "NSLDST.PRB6005.GDM1878.PE001" and testprocess created by COD EAI Interfaces test team.	"NSLDST.PRB6005.GDM1878.PE001" expected at NSLDS. testprocess should be started at the EAI Bus.	PASS	
1.3.2		DI File transfer	Use a sender pre process exit to start NSLDST.V3R1.IEFEXT.JCLLIB(TRB62000) JCL with a file sent from NSLDSto the EAI Bus	The sender preprocess has been correctly defined in exit DLL	Dummy file and NSLDST.V3R1.IEFEXT.JCLLIB(TRB62000) JCL provided by NSLDS.	File from NSLDS in /tmp on the EAI Bus server SU35E17. Test process started at NSLDS.	NA	Tested in Unit Testing
Sub-Cycle 4: Start an external process from a sender post process data exit								
1.4.1		DI File transfer	Use a sender post process exit to start 'testprocess2' with a file sent from the EAI Bus to NSLDS via 'NSLDSsendfileexits' shell script.	The sender postprocess has been correctly defined in exit DLL	Dummy test file, "NSLDST.PRB6005.GDM1878.PE001" and testprocess2 created by COD EAI Interfaces test team.	"NSLDST.PRB6005.GDM1878.PE001" expected at NSLDS. The process should be started at the EAI Bus.	PASS	
1.4.2		DI File transfer	Use a sender post process exit to start NSLDST.V3R1.IEFEXT.JCLLIB(TRB62000) JCL with a file sent from NSLDS to the EAI Bus	The sender postprocess has been correctly defined in exit DLL	Dummy file and NSLDST.V3R1.IEFEXT.JCLLIB(TRB62000) JCL provided by NSLDS.	File from NSLDS in /tmp on the EAI Bus server SU35E17. Test process started at NSLDS.	NA	Tested in Unit Testing
Sub-Cycle 5: Start an external process from a receiver pre process data exit								

Number	Regression	Interface Component	Action	Condition	Input Data	Expected Results	Pass/Fail	Comments
1.5.1		DI File transfer	Use a receiver pre process exit to start NSLDST.V3R1.IEFEXT.JCLLIB(TRB62000) JCL with a file sent from the EAI Bus to NSLDS via 'NSLDSsendfileexits' shell script.	The receiver preprocess has been correctly defined in exit DLL	Dummy test file, "NSLDST.PRB6005.GDM1878.PE001" created by COD EAI Interfaces test team.	"NSLDST.PRB6005.GDM1878.PE001" expected at NSLDS. The process should be started at NSLDS.	PASS	
1.5.2			Use a receiver pre process exit to start testprocess3 with a file sent from the CPS to the EAI Bus via JCL.	The receiver postprocess has been correctly defined in exit DLL	Dummy file and NSLDST.V3R1.IEFEXT.JCLLIB(TRB62000) JCL provided by NSLDS.	File from NSLDS in /tmp on the EAI Bus server SU35E17. Test process started at EAI Bus	PASS	
Sub-Cycle 6: Start an external process from a receiver post process data exit								
1.6.1		DI File transfer	Start an external process from a data exit after a file has been received from EAI Bus to NSLDS via NSLDST.V3R1.IEFEXT.JCLLIB(TRB62000) JCL	The receiver postprocess has been correctly defined in exit DLL	Dummy test file, "NSLDST.PRB6005.GDM1878.PE001" created by COD EAI Interfaces test team.	"NSLDST.PRB6005.GDM1878.PE001" expected at NSLDS. The process should be started at NSLDS.	PASS	
1.6.2			Use a receiver post process exit to start testprocess3 with a file sent from the CPS to the EAI Bus via JCL.	The receiver postprocess has been correctly defined in exit DLL	Dummy file and NSLDST.V3R1.IEFEXT.JCLLIB(TRB62000) JCL provided by NSLDS.	File from NSLDS in /tmp on the EAI Bus server SU35E17. Test process started at EAI Bus.	PASS	
Sub-Cycle 7: Pooling with Local Pool Queues set up at NSLDS								

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Number	Regression	Interface	Action	Condition	Input Data	Expected Results	Pass/Fai	Comments
Cycle 2 - Expected Error								
Sub-Cycle 1: Source file not found on sender server								
2.1.1		DI File Transfer	Execute "sendnofile" shell script to attempt to send a file that does not exist from the EAI Bus to NSLDS		NA	Failure message sent to NOTIFY queue on source QM. Error messages sent to nohup,out logfile. Failure message in FTFSTAT	PASS	This is a stub for COD. COD's JCL will send a file.
2.1.2		DI File Transfer	Modify JCL to send a file that did not exitst. from NSLDS to the EAI Bus.		NA	Failure message sent to NOTIFY queue on source QM. Failure message in FTFSTAT	PASS	
Sub-Cycle 2 : Common Log Function Environment variables are not found								
2.2.1		DI File Transfer & Common Log Function	Execute "sendfileexits" shell script without defining the common log function environment variables		Dummy test file, "NSLDST.PRB6005.GDM1878.PE001" created by COD EAI Interfaces test team.	Error message logged in common log file.	Not Tested NA	This condition no longer tested because the common log function is no longer used with DataIntegrator

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Number	Regression	Interface	Action	Condition	Input Data	Expected Results	Pass/Fai	Comments
Cycle 3 - Unexpected Error								
Sub-Cycle 1: MQ Queue Manager is unavailable								
3.1.1		DI File Transfer	Change destination queue manager to a QM that does not exist to simulate a Queue Manager being unavailable. Send file from EAI Bus to NSLDS via 'NSLDSsendnoMQ1' shell script.		Dummy test file, "testfile.txt" created by COD EAI Interfaces test team.	MQMon must notify that QM is down. Failure message sent to NOTIFY queue on source QM.	PASS	
3.1.2		DI File Transfer	Change source queue manager to a QM that does not exist to simulate a Queue Manager being unavailable. Send file from EAI Bus to NSLDS via 'NSLDSsendnoMQ2' shell script.		Dummy test file, "testfile.txt" created by COD EAI Interfaces test team.	MQMon must notify that QM is down. Failure message sent to standard out.	PASS	
Sub-Cycle 2: MQ Queues and Channels are unavailable								
3.2.1		DI File Transfer	Make MQ Queues and channels unavailable. Send file from EAI Bus to NSLDSS via 'NSLDSsendfile' shell script.		Dummy test file, "NSLDST.PRB6005.GDM1878.PE001" created by COD EAI Interfaces test team.	Failure message sent to NOTIFY queue. No failure message in log file. The request will need to expire.	PASS	Tested by LK. Once the channel is restarted the file is successfully moved. This could be a problem if the channels are set to automatically attempt restarts since the NOTIFY queue will increment. The file could be sent automatically even after
Sub-Cycle 3: DataIntegrator sender/receiver/manager services are unavailable								
3.3.1		DI File Transfer	Issues 'ftfend' command to stop DI services on source (EAI Bus) and send file from EAI Bus to NSLDS via 'NSLDSSsendfile'		Dummy test file, "testfile.txt" created by COD EAI Interfaces test team.	Request will have to expire. No error message.	PASS	
3.3.2		DI File Transfer	Issues 'ftfend' command to stop DI services on destination (NSLDS) and send file from EAI Bus to NSLDS via 'NSLDSsendfile' shell script.		Dummy test file, "testfile.txt" created by COD EAI Interfaces test team.	Request will have to expire. No error message.	PASS	
Sub-Cycle 4: DataIntegrator specific queues are filled past capacity								
3.4.1		DI File Transfer	Make DI queues exceed max size capacity. Send file from EAI Bus to NSLDS via 'NSLDSsendfile' shell script.		Dummy test file, "testfile.txt" created by COD EAI Interfaces test team.	File transfer takes longer than expected	PASS	